

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
23 October 2003 (23.10.2003)

PCT

(10) International Publication Number
WO 03/086440 A1

(51) International Patent Classification⁷: A61K 35/78

109-1012, Irwon1-dong, Kangnam-gu., 135-231 Seoul (KR).

(21) International Application Number: PCT/KR03/00704

(22) International Filing Date: 8 April 2003 (08.04.2003)

(74) Agent: SHIN, Dong-In; Rm304, Dukam Bldg. #1457-2 Seocho3-dong., Seocho-gu, Seoul 137-867 (KR).

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
10-2002-0018844 8 April 2002 (08.04.2002) KR

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(71) Applicant (for all designated States except US): Hongrim Trading Co., Ltd. [KR/KR]; 1213, Hwanghwa Bldg., 832-7, Yoksam-dong, Kangnam-ku., Seoul 135-080 (KR).

(72) Inventors; and

(75) Inventors/Applicants (for US only): KIM, Dong-Hyun [KR/KR]; Hyundai APT. 81-105, #456, Apgujeong-dong, Kangnam-gu., 135-905 Seoul (KR). RYU, Jong-Hoon [KR/KR]; Gaepo Hanshin APT., Dogok2-dong, Kangnam-gu., 135-855 Seoul (KR). BAE, Eun-Ah [KR/KR]; Jangmi APT. 3-cha 2-705, Shincheon-dong, Songpa-gu., 138-240 Seoul (KR). HAN, Myung-Joo [KR/KR]; Hyundai APT. 81-105, #456, Apgujeong-dong, Kangnam-gu., 135-905 Seoul (KR). CHOO, Min-Kyung [KR/KR]; #858-33, Bangbae4-dong, Seocho-gu., 137-064 Seoul (KR). PARK, Eun-Kyung [KR/KR]; Dosigaebal APT.

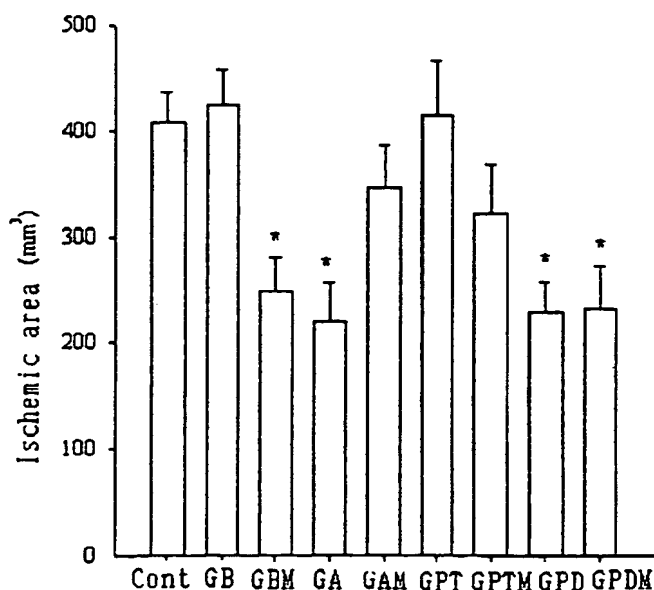
(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: NOVEL USE OF THE EXTRACT OF PROCESSED GINSENG AND SAPONIN ISOLATED THEREFROM



(57) Abstract: The present invention relates to novel use of the extract of processed ginseng extract having brain stroke protecting or treating activity. More particularly, the present invention relates to a processed ginseng extract with enhanced pharmacological effects due to subsequent treatment i.e., acid-treatment of ginseng and bio-converting treatment such as lactic acid bacterial fermenting and intestinal bacterial fermenting process. The processed ginseng extract in the present invention has preventing or treating effect for brain stroke. Therefore, it is useful in the prevention or treatment of brain stroke and brain diseases in human or mammal.

WO 03/086440 A1